

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

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13.08.04 *fu*

## PCT

WRITTEN OPINION OF THE  
INTERNATIONAL PRELIMINARY  
EXAMINING AUTHORITY

(PCT Rule 66)

Applicant's or agent's file reference NM5240-01WO		Date of mailing (day/month/year) <span style="float: right;">14-06-2004</span>
International application No. PCT/IB 2002/004031		REPLY DUE within 60 days from the above date of mailing
International filing date (day/month/year) 01.10.2002	Priority date (day/month/year)	
International Patent Classification (IPC) or both national classification and IPC H04Q 7/38		
Applicant Nokia Corporation et al		

1. ☐ The written opinion established by the International Searching Authority:  

☐ is
☐ is not

considered to be a written opinion of the International Preliminary Examining Authority.
2. This first (first, etc.) opinion contains indications relating to the following items:
  - ☒ Box No. I Basis of the opinion
  - ☐ Box No. II Priority
  - ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
  - ☐ Box No. IV Lack of unity of invention
  - ☒ Box No. V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
  - ☐ Box No. VI Certain documents cited
  - ☐ Box No. VII Certain defects in the international application
  - ☐ Box No. VIII Certain observations on the international application
3. The applicant is hereby **invited to reply** to this opinion.
 

**When?** See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(e).

**How?** By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.

**Also** For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4*bis*.  
 For an informal communication with the examiner, see Rule 66.6.  
 For an additional opportunity to submit amendments, see Rule 66.4.

**If no reply is filed**, the international preliminary examination report will be established on the basis of this opinion.
4. The final date by which the international preliminary report on patentability (Chapter II of the PCT) must be established according to Rule 69.2 is: 01.02.2005

Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. 46 8 667 72 88	Authorized officer  Stefan Hansson/Els Telephone No. 46 8 782 25 00
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**WRITTEN OPINION OF THE  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

PCT/IB 2002/004031

**Box No. I      Basis of the opinion**

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - ☐ This opinion is based on a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
    - ☐ international search (under Rules 12.3 and 23.1(b))
    - ☐ publication of the international application (under Rule 12.4)
    - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
  
2. With regard to the elements of the international application, this opinion has been established on the basis of *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed.")*:
  - ☒ the international application as originally filed/furnished
  - ☐ the description:
    - pages \_\_\_\_\_ as originally filed/furnished
    - pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_
    - pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - ☐ the claims:
    - pages \_\_\_\_\_ as originally filed/furnished
    - pages \_\_\_\_\_ as amended (together with any statement) under Article 19
    - pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_
    - pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - ☐ the drawings:
    - pages \_\_\_\_\_ as originally filed/furnished
    - pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_
    - pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
  
3. ☐ The amendments have resulted in the cancellation of:
  - ☐ the description, pages \_\_\_\_\_
  - ☐ the claims, Nos. \_\_\_\_\_
  - ☐ the drawings, sheets/figs \_\_\_\_\_
  - ☐ the sequence listing (*specify*): \_\_\_\_\_
  - ☐ any table(s) related to the sequence listing (*specify*): \_\_\_\_\_
  
4. ☐ This opinion has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
  - ☐ the description, pages \_\_\_\_\_
  - ☐ the claims, Nos. \_\_\_\_\_
  - ☐ the drawings, sheets/figs \_\_\_\_\_
  - ☐ the sequence listing (*specify*): \_\_\_\_\_
  - ☐ any table(s) related to the sequence listing (*specify*): \_\_\_\_\_

Box No. V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>2, 5-11, 13-15, 17-20, 22-25</u>
	Claims	<u>1, 3, 4, 12, 16, 21, 26, 27</u>
Inventive step (IS)	Claims	<u>5-11, 13-15, 17-20, 22-25</u>
	Claims	<u>1-4, 12, 16, 21, 26, 27</u>
Industrial applicability (IA)	Claims	<u>1-27</u>
	Claims	<u></u>

2. Citations and explanations:

The claimed invention

The claimed invention relates to a method and a system for providing access via a first network to a service of a second network.

The following documents were cited in the International Search Report:

D1: WO 0232084 A  
D2: WO 02067617 A  
D3: US 2002056001 A1

D1 describes a communication network system comprising at least one first network and at least one second network providing application services over the first network. D1 describes in more detail on page 12 lines 15-24 that the mobile-terminated call/session setup message from the CSCF can be defined to contain also a user identifier like IMSI, which is the subscriber identity at GPRS level. The GGSN checks all the mobile-terminated call setup messages and compares them against its list of active IMSIs and the corresponding IP addresses. This check is a form of authentication of the mobile terminal.

According to the claimed invention, a specific authentication message is used to signal a service selection information to the second network. As D1 discloses the use of a setup message and that this setup message may contain information to be used to authenticate the mobile terminal, the method of D1 is the same as the one of the claimed invention. Consequently, the claimed invention as in claims 1, 3, 4, 12, 16, 21, 26 and 27 is not novel.

.../...

**Supplemental Box**

In case the space in any of the preceding boxes is not sufficient.

Continuation of: V

D1 discloses method in use with GPRS networks or IP-based networks. However, it is considered to require no inventive skills to apply the method to a constellation where the first network is a wireless local area network. Consequently, the claimed invention as in claim 2 is considered to lack an inventive step.